| FORM PTO<br>(REV. 11-  |  | PARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  | ATTORNEY'S DOCKET NUMBER             |  |  |  |  |  |  |  |
|--|--|---|--------------------------------------|--|--|--|--|--|--|--|
| TRANSMITTAL LETTER TO THE UNITED STATES 2611-0168P   |  |   |                                      |  |  |  |  |  |  |  |
|  | DESIGNATED/ELECTE  | U.S. APPLICATION NO. (If known, see 37 CFR 1.5)   |                                      |  |  |  |  |  |  |  |
| }  | CONCERNING A FILING  | 10/000011   |                                      |  |  |  |  |  |  |  |
| INTER  | NATIONAL APPLICATION NO.   | INTERNATIONAL FILING DATE                         | PRIORITY DATE CLAIMED                |  |  |  |  |  |  |  |
| INTER  | NATIONAL ATTLICATION NO.   | INTERNATIONAL FIEING DATE                         | I RIORITI DATE CLAIMED               |  |  |  |  |  |  |  |
|  | PCT/JP01/03952   | May 11, 2001                                      | May 22, 2000                         |  |  |  |  |  |  |  |
| TITLE OF INVENTION  METHOD OF AND DEVICE FOR COMMUNICATION                                     |  |   |                                      |  |  |  |  |  |  |  |
| APPLICANT(S) FOR DO/EO/US  |  |   |                                      |  |  |  |  |  |  |  |
| MATSUMOTO, Wataru  |  |   |                                      |  |  |  |  |  |  |  |
| Applica  | int herewith submits to the United States  | Designated/Elected Office (DO/EO/US) the follo    | wing items and other information:    |  |  |  |  |  |  |  |
| 1. This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.                |  |   |                                      |  |  |  |  |  |  |  |
| 2/   | This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.  |   |                                      |  |  |  |  |  |  |  |
| / (s. 🔯 )  | This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay   |   |                                      |  |  |  |  |  |  |  |
|  | examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39 (1).  |   |                                      |  |  |  |  |  |  |  |
| 4. The US has been elected by the expiration of 19 months from the priority date (Article 31). |  |   |                                      |  |  |  |  |  |  |  |
| 5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))                      |  |   |                                      |  |  |  |  |  |  |  |
| a. is transmitted herewith (required only if not transmitted by the International Bureau).     |  |   |                                      |  |  |  |  |  |  |  |
|  | b. As been transmitted by the International Bureau. (WO 01/91307)  |   |                                      |  |  |  |  |  |  |  |
| <b>-</b>   | c. is not required, as the application was filed in the United States Receiving Office (RO/US).  |   |                                      |  |  |  |  |  |  |  |
| 6. 🗵   | An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).   |   |                                      |  |  |  |  |  |  |  |
| <b>=</b> '   | b. An English language translation of the International Bureau. (WO 01/91307)  c. is not required, as the application was filed in the United States Receiving Office (RO/US).  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).  a. is transmitted herewith.  b. has been previously submitted under 35 U.S.C. 154(d)(4)  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).  a. are transmitted herewith (required only if not transmitted by the International Bureau).  b. have been transmitted by the International Bureau.  c. have not been made; however, the time limit for making such amendments has NOT expired.  d. have not been made and will not be made.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).  An English language translation of the amexes of the International Preliminary Examination Report under PCT Article 36 |   |                                      |  |  |  |  |  |  |  |
| <b>#</b> [   | b. has been previously submitted under 35 U.S.C. 154(d)(4)   |   |                                      |  |  |  |  |  |  |  |
| 7.   | 7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).   |   |                                      |  |  |  |  |  |  |  |
| -  | <del></del>  | red only if not transmitted by the International  |                                      |  |  |  |  |  |  |  |
|  | b. have been transmitted by the International Bureau.  |   |                                      |  |  |  |  |  |  |  |
|  | c. have not been made; however, the time limit for making such amendments has NOT expired.   |   |                                      |  |  |  |  |  |  |  |
|  | d. have not been made and will not be made.  |   |                                      |  |  |  |  |  |  |  |
| 8.   |  |   | e 19 (35 U.S.C. 371(c)(3)).          |  |  |  |  |  |  |  |
| F9. 🖂  | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).  |   |                                      |  |  |  |  |  |  |  |
| 10.  | 10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36  |   |                                      |  |  |  |  |  |  |  |
|  | (35 U.S.C. 371(c)(5)).   |   |                                      |  |  |  |  |  |  |  |
| Items 1  | 11. to 20. below concern document(s)   | or information included:                          |                                      |  |  |  |  |  |  |  |
| 11.  | An Information Disclosure Statement  | t under 37 CFR 1.97 and 1.98, Form PTO-1449       | 9(s) and International Search Report |  |  |  |  |  |  |  |
| 11.  | (PCT/ISA/210) with 13 cited docume   |   | (s), and memational scarci report    |  |  |  |  |  |  |  |
| 12.  | ·  | ig. A separate cover sheet in compliance with     | 37 CFR 3.28 and 3.31 is included.    |  |  |  |  |  |  |  |
| 13.  | A FIRST preliminary amendment.   |   |                                      |  |  |  |  |  |  |  |
| 14.  | A SECOND or SUBSEQUENT preliminary amendment.  |   |                                      |  |  |  |  |  |  |  |
| 15.  |  |   |                                      |  |  |  |  |  |  |  |
| 16.  | A change of power of attorney and/or address letter.   |   |                                      |  |  |  |  |  |  |  |
| 17.  |  |   |                                      |  |  |  |  |  |  |  |
| 18.  | A second copy of the published international application under 35 U.S.C. 154(d)(4).  |   |                                      |  |  |  |  |  |  |  |
| 19.  |  | ge translation of the international application u |                                      |  |  |  |  |  |  |  |
| 20.  | Other items or information:  |   |                                      |  |  |  |  |  |  |  |
| <u> </u>   | 1. PCT/IB/304  |   |                                      |  |  |  |  |  |  |  |
| -  | 2. PCT/IB/308  |   |                                      |  |  |  |  |  |  |  |
| i  | 3. Eighteen (18) Sheets of Formal Dr   | awings  |                                      |  |  |  |  |  |  |  |

| U.S. APPLICATION NO (if known, see 37  | CFR 15) INTERNA   | ATTORNEY'S DOCKET NUMBER      |                 |              |                     |              |  |  |  |  |
|--|---|-------------------------------|-----------------|--------------|---------------------|--------------|--|--|--|--|
| NE   | 10/0308 T4  | 952                           |                 | 2611-0168P   |                     |              |  |  |  |  |
| 21. The following fees   |   |                               |                 | CAL          | CULATIONS           | PTO USE ONLY |  |  |  |  |
|  | FEE (37 CFR 1.492(a)(1)-(5):  |                               |                 |              |                     |              |  |  |  |  |
| Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO |   |                               |                 |              |                     |              |  |  |  |  |
|  | n fee (3 / CFR 1.445(a)(2)) par<br>rch Report not prepared by the   | 1                             |                 |              |                     |              |  |  |  |  |
| and international Sear   | on responsible propured by the                                      | Li O 01 31 O                  | \$1,040.00      | }            |                     |              |  |  |  |  |
|  | ary examination fee (37 CFR 1                                       | l                             |                 |              |                     |              |  |  |  |  |
| USPTO but Internation  | nal Search Report prepared by                                       | the EPO or JPO                | \$890.00        | Ì            |                     |              |  |  |  |  |
| International prelimina  | ary examination fee (37 CFR 1                                       |                               |                 |              |                     |              |  |  |  |  |
|  | h fee (37 CFR 1.445(a)(2)) pai                                      |                               |                 |              |                     |              |  |  |  |  |
|  |   |                               | \$740.00        |              |                     |              |  |  |  |  |
|  | ary examination fee (37 CFR 1                                       |                               | A=10.00         | 1            |                     |              |  |  |  |  |
| but all claims did not s   | satisfy provisions of PCT Artic                                     | ele 33(1)-(4)                 | \$710.00        | 1            |                     |              |  |  |  |  |
| International prelimina  | ary examination fee (37 CFR 1                                       | .482) paid to USPTO           |                 |              |                     | <del></del>  |  |  |  |  |
|  | l provisions of PCT Article 33                                      |                               | \$100.00        | s            | 890.00              |              |  |  |  |  |
| ENTER AP   | PROPRIATE BASIC   | FEE AMOUNT =                  |                 | ,            | 830.00              |              |  |  |  |  |
| Surcharge of \$130.00 f  | or furnishing the oath or declar                                    | ration later than 20          | <u></u> 30      | \$           | 0.00                |              |  |  |  |  |
| months from the earlies  | st claimed priority date (37 CF                                     | R 1.492(e)).                  |                 | •            | 0.00                |              |  |  |  |  |
| CLAIMS   | NUMBER FILED  | NUMBER EXTRA                  | RATE            | <u> </u>     |                     | ,            |  |  |  |  |
| Total Claims   | 10 - 20 =   | 0                             | X \$18.00       | \$           | 0.00                |              |  |  |  |  |
| Independent Claims   | 2 - 3 =   | 0                             | X \$84.00       | \$           | 0.00                |              |  |  |  |  |
| MULTIPLE DEPEND  | ENT CLAIM(S) (if applicable   | ) None                        | + \$280.00      | \$           | 0.00                |              |  |  |  |  |
| Zinny<br>Silvan<br>City  | TOTAL   | OF ABOVE CALCULA              | ATIONS =        | \$           | 890.00              |              |  |  |  |  |
|  | mall entity status. See 37 CFR                                      | s                             | 0.00            |              |                     |              |  |  |  |  |
| reduced by 1/2.  |   |                               |                 |              |                     |              |  |  |  |  |
| 50 50100   | 00 0 0 11 1 1 1 1 1   |                               | TOTAL = 20   30 | \$           | 890.00              |              |  |  |  |  |
|  | .00 for furnishing the English t<br>st claimed priority date (37 CF | \$                            | 0.00            | -            |                     |              |  |  |  |  |
| Thomas from the carnes   | w claimed priority date (57 CI                                      | \$                            | 890.00          |              |                     |              |  |  |  |  |
| Fee for recording the en   | nclosed assignment (37 CFR 1  | .21(h)). The assignment m     |                 |              |                     |              |  |  |  |  |
|  | propriate cover sheet (37 CFR                                       |                               |                 | \$           | 40.00               |              |  |  |  |  |
|  |   | TOTAL FEES ENC                | LOSED =         | \$           | 930.00              |              |  |  |  |  |
| }  |   | A                             | Amount to be:   | \$           |                     |              |  |  |  |  |
|  |   |                               |                 | <del> </del> | refunded<br>charged | \$           |  |  |  |  |
| <u> </u>   | <del></del>   |                               |                 | <u> </u>     | charged             | <u> </u>     |  |  |  |  |
| a. A check in the ar   | mount of \$ 930.00 to cover the                                     | e above fees is enclosed.     |                 |              |                     |              |  |  |  |  |
| b. Please charge my  | y Deposit Account. No.  | in the amount of \$           | to co           | over the     | e above fees.       |              |  |  |  |  |
| A duplicate copy   | y of this sheet is enclosed.  |                               |                 |              |                     |              |  |  |  |  |
| c. 🕅 The Commission  | ner is hereby authorized to char                                    | rge any additional fees which | ch may be rec   | uired.       | or credit anv       |              |  |  |  |  |
|  | Deposit Account No. 02-2448   |                               | ,,              | <b>L</b> ,   | <b>,</b>            |              |  |  |  |  |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR                 |   |                               |                 |              |                     |              |  |  |  |  |
|  | st be filed and granted to rest                                     |                               |                 | м, а р       |                     | 10 (5) CPR   |  |  |  |  |
| Send all correspondence to   | -   | 11 1                          | 3               |              |                     | . ///        |  |  |  |  |
| Birch, Stewart, Kolasch & Birch, LLP or Customer No. 2292  |   |                               |                 |              |                     |              |  |  |  |  |
| P.O. Box 747   |   |                               |                 |              |                     |              |  |  |  |  |
| Falls Church, VA 22040-0747  |   |                               |                 |              |                     |              |  |  |  |  |
| (703) 205-8000   |   |                               |                 |              |                     |              |  |  |  |  |
| Date: January 14, 2002   |   |                               |                 |              |                     |              |  |  |  |  |
| Michael K. Mutter, #29,680   |   |                               |                 |              |                     |              |  |  |  |  |
| /sll   |   |                               |                 |              |                     |              |  |  |  |  |